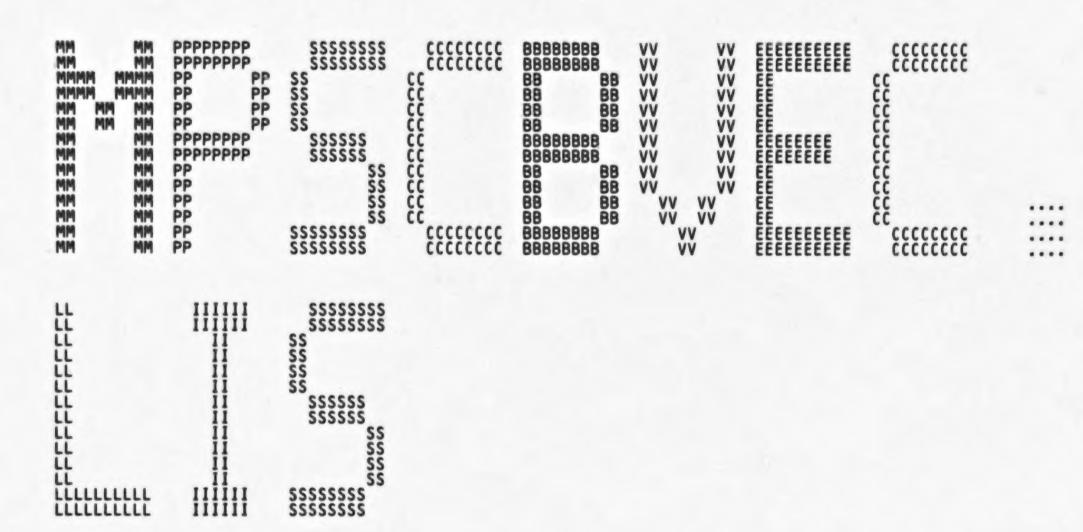
MMM		MMM	PPPPPPP	PPPPP
MMM		MMM	PPPPPPP	PPPPP
MMM		MMM	PPPPPPP	
MMMMM	M M	MMMM	PPP	PPP
HMMMM		MMMMM	PPP	PPP
MMMMM		MMMMM	PPP	PPP
MMM	MMM	MMM	PPP	PPP
MMM	MMM	MMM	PPP	PPP
MMM	MMM	MMM	PPP	PPP
MMM		MMM	PPPPPPP	
MMM		MMM	PPPPPPP	
MMM		MMM	PPPPPPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
MMM		MMM	PPP	
242422		000000	DDD	



MF

C 15 16-SEP-1984 02:01:51 VAX/VMS Macro V04-00 MPSCBVEC Table of contents - MULTI-PROCESSOR SCB VECTOR Page 0 61 (1) SCB

MF

Version: 'V04-000' -MCALL TITLE .IDENT MPSCBVEC - MULTI-PROCESSOR SCB VECTOR COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED. THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY 11234567890123456789012345678901234444444445555 OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED. THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION. DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. Facility: Executive , Hardware fault handling Abstract: SCB vectors Environment: MODE=Kernel Author: RICHARD I. HUSTVEDT, Creation date: 15-MAY-1979 Modified by: V03-005 KDM0030 Kathleen D. Morse Remove pagefault handler, as now primary can execute secondary-specific code without turning into a secondary. KDM0025 Kathleen D. Morse 10-Oct-1982 Change secondary specific routines to be MPS\$xxx instead of EXE\$xxx (MPS\$SWIIMINT, MPS\$HWCLKINT). V03-004 KDM0025

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V03-003 KDM0018 Kathleen D. Morse 10-0ct-1982 Add CHMK routine for secondary processor.

18-Nov-1982

V03-002 KDM0005 Kathleen D. Morse 10-0ct-1982

MP

MPSCBVEC VO4-000

```
FUNCTIONAL DESCRIPTION:
                                          This module contains the SCB vectors which are copied into physically
                                         contiguous space, replacing those used by a single processor VMS system.
                               100
101
           0000000
                                                      PSECT $$$00SCB,PAGE
                                      SCB$AL_BASE::
                                                                                                    SCB base address
104
105
106
107
                                                                                                   Unused, reserved to Digital Machine check handler.
                                                     . LONG
                                                                   ERL$VECO
                                                                  .LONG
                                                     . LONG
                                                     . LONG
                                                     .LONG
                               109
                                                     . LONG
                                                     . LONG
00000000
                  001C
                                                     .LONG
                                                     . LONG
 00000000
                                                     . LONG
                                                                                                   Thit fault.
Breakpoint fault.
Compatibility fault.
 00000000
                               114
                                                     .LONG
00000000
                                                                   XDELBPT
MPS$COMPAT
                                                                                                                                                          *X02C
                                                     . LONG
                                                     .LONG
                                                                   ERL$VEC52
000000000
                  0034
                                                     . LONG
                                                                                                    Arithmetic trap.
                                                                                                                                                          *x034
                  0038
                                                                   ERL$VEC56
                                                     . LONG
                                                                                                                                                          ^x038
                                                                                                    Unused.
 00000000
                  003C
                                                     .LONG
                                                                                                                                                          *x03C
                                                                   ERL$VEC60
                                                                                                    Unused.
00000000 0040
                                                                                                    CHMK trap.
CHME trap.
CHMS trap.
                                                     . LONG
                                                                   MPS$CMODKRNL
                                                                                                                                                          *X040
                                                     .LONG
                                                                                                                                                           *X044
                                                                   EXESCMODEXEC
00000000
                 0048
0040
0050
                                                     . LONG
                                                                                                                                                          *X048
                                                                   EXESCMODSUPR
                                                     .LONG
                                                                   EXESCMODUSER
                                                                                                    CHMU trap.
                                                                                                                                                          ^X04C
00000000 0050
00000001 0054
00000001 0058
00000001 0056
00000000 0066
00000000 0066
00000000 0076
00000000 0076
00000000 0076
00000000 0076
00000000 0088
00000000 0088
00000000 0088
00000001 0088
00000001 0098
00000001 0098
00000001 0098
00000001 0098
00000001 0098
00000001 0088
                                                                   ERLSVEC80
MPSSINT54+INTSTK
MPSSINT58+INTSTK
MPSSINT5C+INTSTK
                                                     . LONG
                                                                                                                                                          *X050
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                          *X054
                                                                                                      Cpu-dependent fault.
                                                     . LONG
                                                                                                      Cpu-dependent fault.
                                                                                                                                                           *x058
                                                     . LONG
                                                                                                     Cpu-dependent fault. Cpu-dependent fault.
                                                                                                                                                          *X05C
                                                     . LONG
                                                                   MPS$INT60+INTSTK
                                                                                                                                                          *x060
                                                                   ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTTOO
ERLSVECTTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
ERLSVECTOO
                                                     . LONG
                                                                                                                                                           *X064
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                          *x068
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                          *X06C
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                           ^X070
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                          ^X074
                                                                                                    Unused.
                                                     .LONG
                                                                                                                                                          *x078
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                           *x070
                                                                                                    Unused.
                                                     . LONG
                                                                                                                                                           ^X080
                                                                                                    Unused.
                                                                                                   Software level 1 interrupt.; Software level 2 interrupt.; Software level 3 interrupt.
                                                     .LONG
                                                                                                                                                           *X084
                                                     . LONG
                                                                                                                                                          *X088
                                                                  MPS$ASTDEL
MPS$MPSCHED
ERL$VEC144+INTSTK
ERL$VEC148+INTSTK
ERL$VEC152+INTSTK
MPS$SWTIMINT
ERL$VEC160+INTSTK
ERL$VEC164+INTSTK
ERL$VEC168+INTSTK
ERL$VEC172+INTSTK
ERL$VEC176+INTSTK
ERL$VEC176+INTSTK
ERL$VEC176+INTSTK
ERL$VEC184+INTSTK
ERL$VEC184+INTSTK
                                                     .LONG
                                                                                                                                                          *X080
                                                                                                       Software level 5 interrupt.
Software level 5 interrupt.
Software level 6 interrupt.
Software level 7 interrupt.
Software level 8 interrupt.
Software level 9 interrupt.
                                                     . LONG
                                                                                                                                                          *X090
                                                     . LONG
                                                                                                                                                          *X094
                                                     .LONG
                                                                                                                                                          *x098
                                                     . LONG
                                                                                                                                                          *X090
                                                     . LONG
                                                                                                                                                          *XOAO
                                                     . LONG
                                                                                                                                                          *XOA4
                                                                                                       Software level 10 interrupt.
Software level 11 interrupt.
Software level 12 interrupt.
Software level 13 interrupt.
                                                     . LONG
                                                                                                                                                            SAOX*
                  00AC
00B0
                                                     . LONG
                                                                                                                                                            *XOAC
 00000001
                                                     . LONG
                                                                                                                                                            *X080
 00000001
                                                                                                                                                            *X084
                                                     . LONG
                                                                                                       Software level 14 interrupt.
 00000001
                                                     . LONG
```

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-END

MPSCBVEC Symbol table	- MULTI-PROCESSOR SCB VECTOR	16-SEP-1984 02:01:51 5-SEP-1984 02:07:17	VAX/VMS Macro V04-00 [MP.SRC]MPSCBVEC.MAR;1	Page 6
ERL\$VEC100 ERL\$VEC104 ERL\$VEC108 ERL\$VEC112 ERL\$VEC116 ERL\$VEC116 ERL\$VEC120 ERL\$VEC128 ERL\$VEC128 ERL\$VEC132 ERL\$VEC132 ERL\$VEC132 ERL\$VEC144 ERL\$VEC148 ERL\$VEC160 ERL\$VEC160 ERL\$VEC164 ERL\$VEC168 ERL\$VEC168 ERL\$VEC168 ERL\$VEC168 ERL\$VEC176 ERL\$VEC210 ERL\$VEC200 ERL\$VEC200 ERL\$VEC204 ERL\$VEC208 ERL\$VEC206 ERL\$VEC204 ERL\$VEC208 ERL\$VEC206 ERL\$VEC208 ERL\$VEC208 ERL\$VEC206 ERL\$VEC216 ERL\$VEC208 ERL\$VEC216 ERL\$VEC208 ERL\$VEC216 ERL\$VEC208	X	X 02 MPS\$CMODKRNL X 02 MPS\$COMPAT X 02 MPS\$HWCLKINT X 02 MPS\$INT54 X 02 MPS\$INT58 X 02 MPS\$INT5C X 02 MPS\$INT60 X 02 MPS\$KERSTKNV X 02 MPS\$MCHK X 02 MPS\$MPSCHED X 02 MPS\$MPSCHED X 02 MPS\$POWERFAIL X 02 MPS\$SWTIMINT X 02 MPS\$XDELTAINT X 02 SCB\$AL_BASE	******* X O2	

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- MULTI-PROCESSOR SCB VECTOR

Psect synopsis!

PSECT name	Allocation		PSECT	No.	Attribu	tes									
ABS . \$ABS\$ \$\$\$00SCB	00000000 (00000000 (00000200 (0.) 0.) 512.)	00 (01 (02 (0.)	NOPIC NOPIC NOPIC	USR USR USR	CON CON	ABS ABS REL	LCL	NOSHR NOSHR NOSHR	NOEXE EXE EXE	NORD RD RD	NOWRT WRT WRT	NOVEC	BYTE

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Performance indicators !

Page faults	CPU Time	Elapsed Time
32	00:00:00.07	00:00:00.70
171	00:00:00.92	00:00:10.74
59	00:00:00.15	00:00:00.24
11	00:00:00.10	00:00:00.18
0	00:00:00.00	00:00:00.00
	Page faults 32 119 171 0 59 11 2 0 396	32 00:00:00.07 119 00:00:00.92 171 00:00:02.62 0 00:00:00.15 59 00:00:00.80 11 00:00:00.10 2 00:00:00.03 0 00:00:00.00

The working set limit was 1200 pages.
11725 bytes (23 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 223 non-local and 0 local symbols.
195 source lines were read in Pass 1, producing 21 object records in Pass 2.
11 pages of virtual memory were used to define 10 macros.

Macro Library statistics !

Macro Library name	Macros defined
_\$255\$DUA28:[MP.OBJ]MP.MLB;1 _\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 _\$255\$DUA28:[SYSLIB]STARLET.MLB;2 TOTALS (all libraries)	1

177 GETS were required to define 6 macros.

MPSCBVEC Psect synopsis

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:MPSCBVEC/OBJ=OBJ\$:MPSCBVEC MSRC\$:MPPREFIX/UPDATE=(ENH\$:MPPREFIX)+MSRC\$:MPSCBVEC/UPDATE=(ENH\$:MPSCBVEC)+EXECML\$/LIB+LI

0248 AH-BT13A-SE

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